



**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**In re Application of:**

Akram et al.

**Serial No.:** 09/590,621

**Filed:** June 8, 2000

**For:** STEREOLITHOGRAPHIC METHOD  
FOR FABRICATING STABILIZERS FOR  
FLIP-CHIP TYPE SEMICONDUCTOR  
DEVICES (amended)

**Confirmation No.:** 1302

**Examiner:** N. Berezny

**Group Art Unit:** 2813

**Attorney Docket No.:** 2269-3936US  
(99-0066.00/US)

**Notice of Allowance Mailed:**

April 21, 2005

**NOTICE OF EXPRESS MAILING**

Express Mail Mailing Label Number: EL994846397US

Date of Deposit with USPS: July 20, 2005

Person making Deposit: Steve Wong

**TRANSMITTAL LETTER**

Mail Stop Issue Fee  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Applicants submit herewith Part B - Fee(s) Transmittal for the above-captioned application and a check in the amount of \$1,415.00 in payment therefor plus five (5) copies of the patent when issued.

Serial No. 09/590,621

Also enclosed are Amendment Pursuant to 37 C.F.R. § 1.312(a) with attached full set of Replacement Sheets (10 sheets) and Annotated Sheets Showing Changes (4 sheets); Comments on Statement of Reasons for Allowance; and Fee Addressee for Receipt of PTO Notices Relating to Maintenance Fees.

Applicants understand that no additional fees are required. However, if the Office determines that any comparison fees or other additional fees are required, the Commissioner is authorized to charge any such fees to TraskBritt Deposit Account No. 20-1469. A copy of this Transmittal Letter is enclosed for deposit account charging purposes.

Respectfully submitted,



Brick G. Power  
Registration No. 38,581  
Attorney for Applicants  
TRASKBRITT  
P.O. Box 2550  
Salt Lake City, Utah 84110-2550  
Telephone: 801-532-1922

Date: July 20, 2005

BGP/dlm:eg

Enclosures: Part B - Issue Fee Transmittal

Check No. 21955 in the amount of \$1,415.00

Copy of Transmittal Letter

Amendment Pursuant to 37 C.F.R. § 1.312(a) with attached full set of Replacement Sheets (10 sheets) and Annotated Sheets Showing Changes (4 sheets)

Comments on Statement of Reasons for Allowance (2 pages)

Fee Addressee for Receipt of PTO Notices Relating to Maintenance Fees (2 pages)

Document in ProLaw



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**COMMENTS ON STATEMENT OF REASONS FOR ALLOWANCE**

Mail Stop Issue Fee  
Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

Sir:

The Notice of Allowability in the above-referenced application was accompanied by a statement of reasons for allowance. It was asserted that the claims that remain pending in the above-referenced application have been allowed for two reasons:

- 1) the prior art of record does not disclose, teach, or suggest "forming on the active surface of a die at least one stabilizer comprising at least two superimposed, contiguous, mutually adhered layers comprising a dielectric or photopolymer or electrically nonconductive material ..."; and
- 2) the prior art of record does not disclose, teach, or suggest "disposing [a] die active surface-down over a higher-level substrate."

While the first reason for allowance applies to claims 1-6 and 8-18, it does not apply to any of claims 19-23 or 36-53, as none of these claims includes such a limitation. Further, with respect to claims 1-6 and 8-18, it should be noted that the stated reasons for allowance are merely exemplary, and should not be construed as limiting, in any way, the scope of independent claim 1, of any of claims 2-6 and 8-17 depending directly or indirectly therefrom, or independent claim 18. The scope of each of claims 1-6 and 8-18 should be defined only in terms of the meaning of the plain language used therein, and in accordance with the Doctrine of Equivalents.

The second reason for allowance does not apply to any of claims 1-6, 8-18, or 36-53. This is because none of claims 1-6, 8-23, or 41-49 positively recites "disposing" a die active surface-down over a higher-level substrate; rather, each of these claims is directed to a method for modifying a semiconductor die. Furthermore, the second reason for allowance does not apply to any of claims 36-40 or 50-53 since these claims include different language than that used by the Office.

Again, the stated reasons for allowance are merely exemplary, and should not be construed as limiting, in any way, the scope of any of allowed claims 1-6, 8-23, or 36-53. The scope of each of these claims should be defined only in terms of the meaning of the plain language used therein, and in accordance with the Doctrine of Equivalents

Respectfully submitted,



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